S/N Unknown PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tsuneo Hattori et al. Examiner: Sarvanmangala J.N. Devi

Serial No.: Unknown
Filed: Herewith Group Art Unit: Unknown
Docket: 1828.001US2

Title: IMMUNOSTIMULATOR FOR ANIMALS AND HUMANS, AND METHOD OF

PREVENTING ANIMAL AND HUMAN INFECTIONS DISEASES AND

CANCER

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

Pursuant to 37 C.F.R. §1.98(d), copies of the listed documents are not provided as these references were previously cited by or submitted to the U.S. Patent Office in connection with Applicants' prior U.S. application, Serial No. <u>09/808840</u>, filed on <u>March 15, 2001</u>, which is relied upon for an earlier filing date under 35 U.S.C. §120.

INFORMATION DISCLOSURE STATEMENT

if there are any questions regarding this communication.

Serial No :Unknown Filing Date: Herewith

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The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number

Respectfully submitted,

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"Express Mail" mailing label number: <u>EV332567285US</u> Date of Deposit: <u>November 3, 2003</u>

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number Complete if Known			
	Application Number	Unknown		
	Filing Date	Even Date Herewith		
	First Named Inventor	Hattori, Tsuneo		
	Group Art Unit	Unknown		
	Examiner Name	Devi, Sarvanmangala		
Sheet 1 of 1	Attorney Docket No: 1828.001US2			

US PATENT DOCUMENTS						
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-4,262,022	04/14/1981	Hald-Christensen, Vilhelm , et al.			02/05/1979
	US-4,396,634	08/02/1983	Shenouda, Soliman Y., et al.			08/03/1982
	US-5,556,643	09/17/1996	Bohanon, Leo F., et al.			12/22/1993
	US-5,562,919	10/08/1996	Doty, Brian D., et al.			05/20/1993
	US-5,575,999	12/19/1996	Yoder, Ralph P.			10/19/1994
	US-6,004,576	12/21/1999	Weaver, Eric M., et al.			01/29/1998
	US-6,516,333	12/05/2000	Langrehr, Jana S.			07/28/1998

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Foreign Document No Publication Date Name of Patentee or Applicant of cited Document		Class	Subclass	T²	
	EP-0 503 959	06/24/1985	Yabiki, Terutake , et al.			
	FR-2 606 254	06/24/1985	Aubert, Serge, et al.		-	
	JP-06086627A	03/29/1994	Asahi, Denka K.			
	JP-361132143A	06/19/1986	Watanabe, , et al.			
	JP-58098061A	06/10/1983	Ueno, , et al.			
	JP-6-181656					
	JP-62040251A	02/21/1987	Ham, Ito			
	WO- PCT/US98/16621		Weaver, Eric M., et al.			

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Cite Initials* No 1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		"Illustrated Stedman's Medical Dictionary, 24th Edition, 1982, page 707",	
		"Ref. No. XP-002142456",	
		"Takefman et al. J. Virol. 75: 4551-4557, 2001, abstract",	
		"The Webster's II New Riverside University Dictionary, 1984, page 933",	
		ITAMI, TOSHIAKI, et al., "Enhancement of disease resistance of kuruma shrimp, Penaeus japonicus, after oral administration of peptidoglycan derived from Bifidobacterium thermophilum", Aquaculture 164, 277-288	
		MAEDA, MINORU, et al., "Effect of Various Treatments on White Spot Syndrome Virus (WSSV) from Penaeus japonicus (Japan) and P. monodon (Thailand)", Fish Pathology, 33(4), 381-387	

EXAMINER